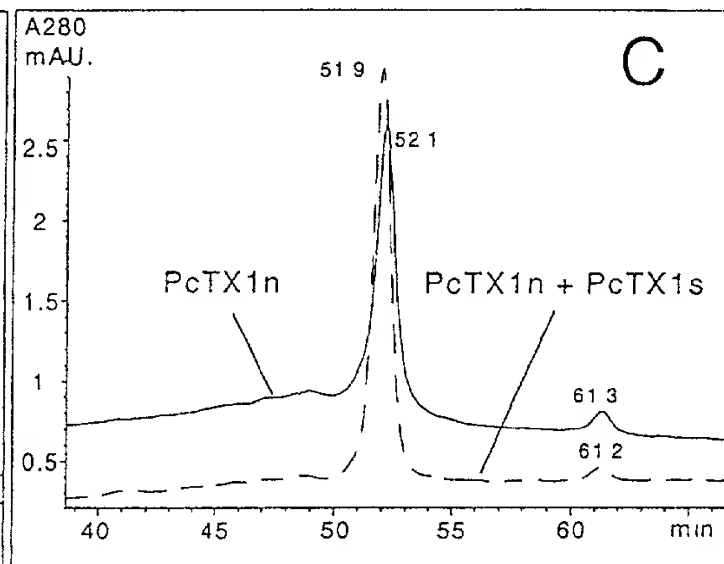
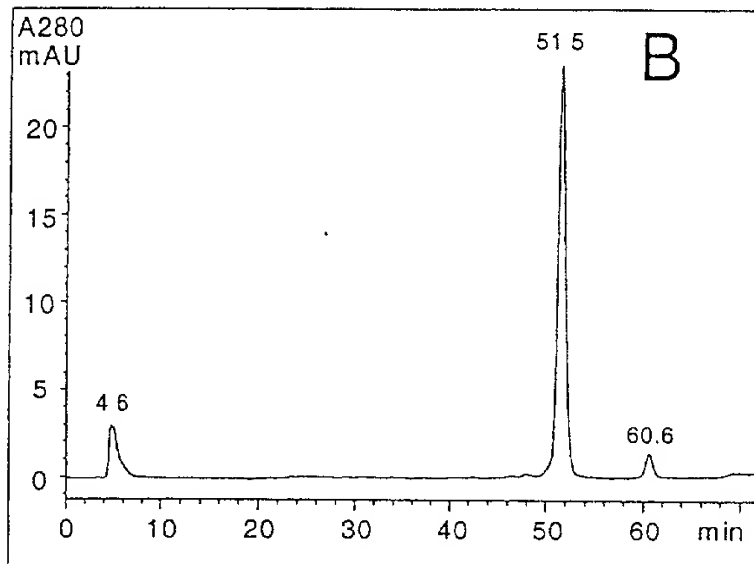
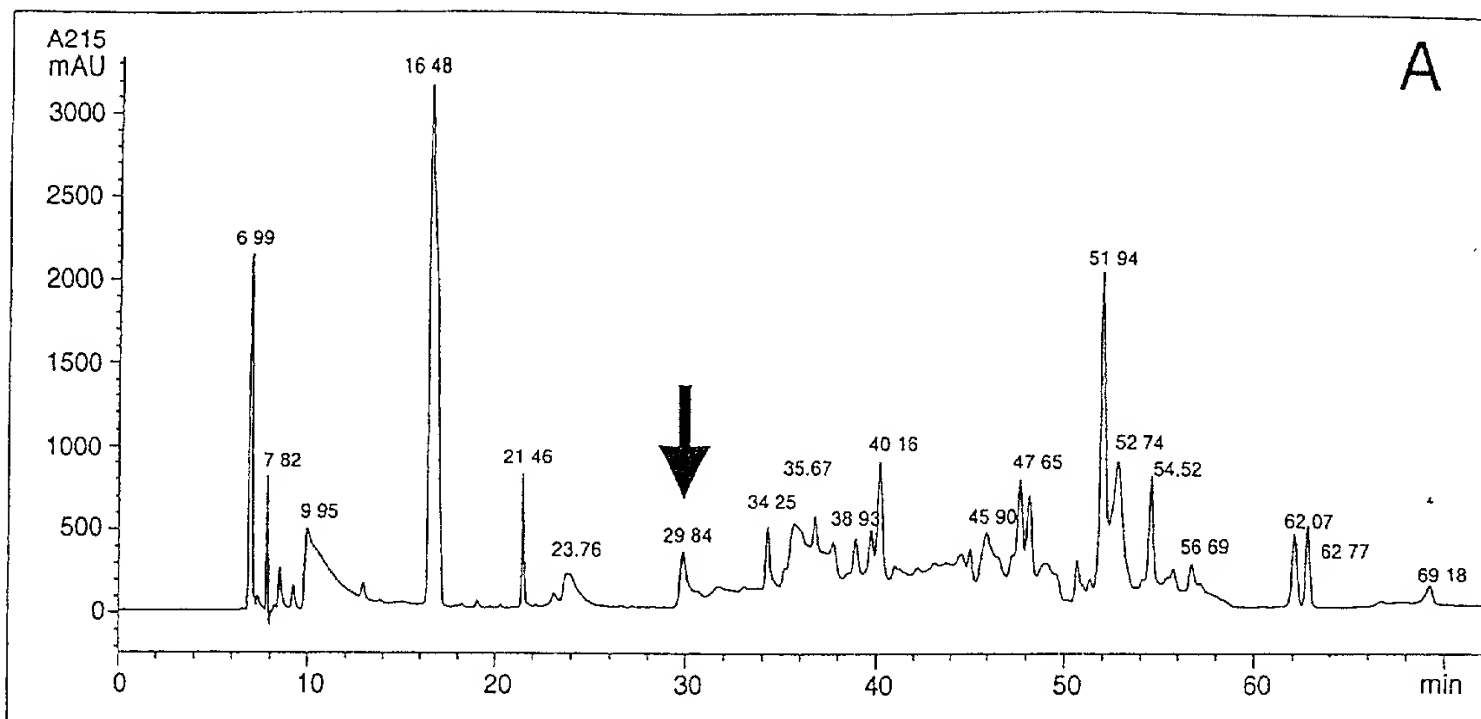


Fig 1



D

PcTX1
Edman
BNP-skatole
Trypsin No7
V8

EDCIPKWKGCVNRHGDCCEGLECWKRRRSFEVCVPKTPKT
-----X----->
KRRRSFEVCVPKTPKT
XXEVCVP
VCVPKTPKT

E

PcTX1
HpTX2
HaTX1
SNX482
GstXSIA
PaTX1

-----EDCIPKWKGCVNRHG-DCCEGLECWKRRRSFEVCVPKTPKT-
-----DDCGKLESGCDTNA--DCCEGYVCRL-----WKLDW-----
-----ECRYLFGGCKTTS--DCCKHLGCKFR--DKYCAWDFTFS-
GVDKAGCRYMFGGCSVND--DCCPRLGCHSL--FSYCAWDLTFSD
-----DCYRFWGGKCSQTS--DCCPHLACKSKW-PRNICVWDGVS-
-----YCQKMMWTCDSAR--KCCCEGLVCRL-----WCKKII-----

% Sim Activity

ASIC1a
59.5 Kv4.2
59.8 Kv2.1
60.0 VSCC (R)
68.9 VSCC (P/N)
55.6 Kv4.2/4.3

F

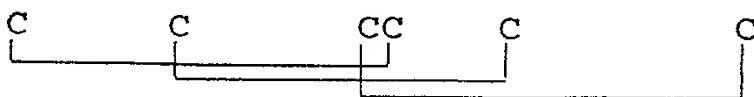
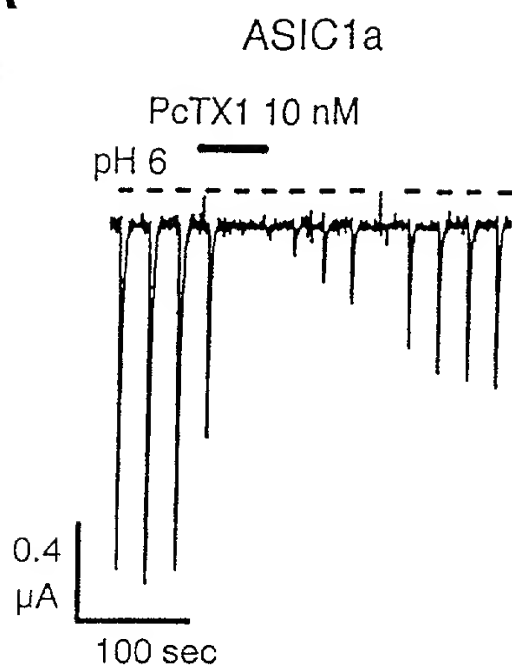
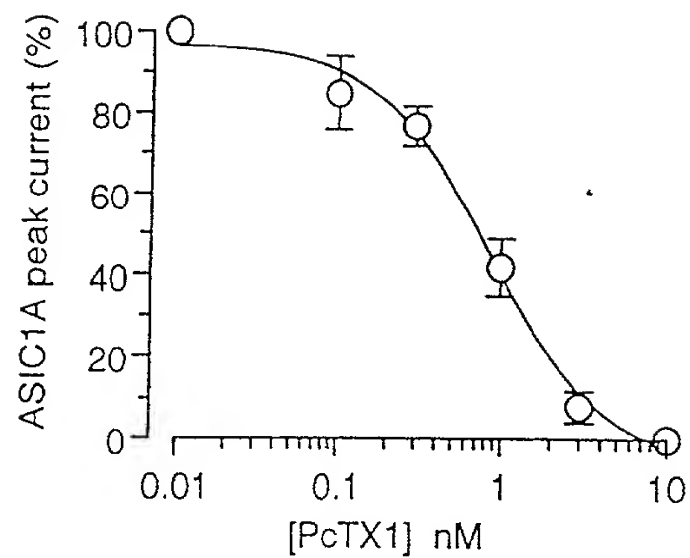


Fig. 2

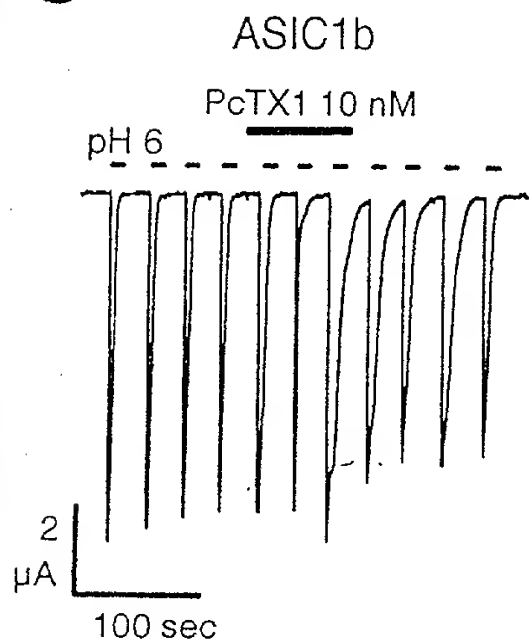
A



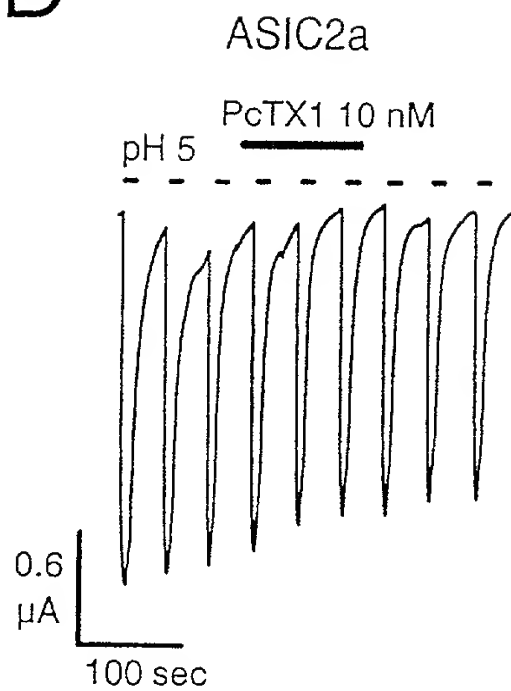
B



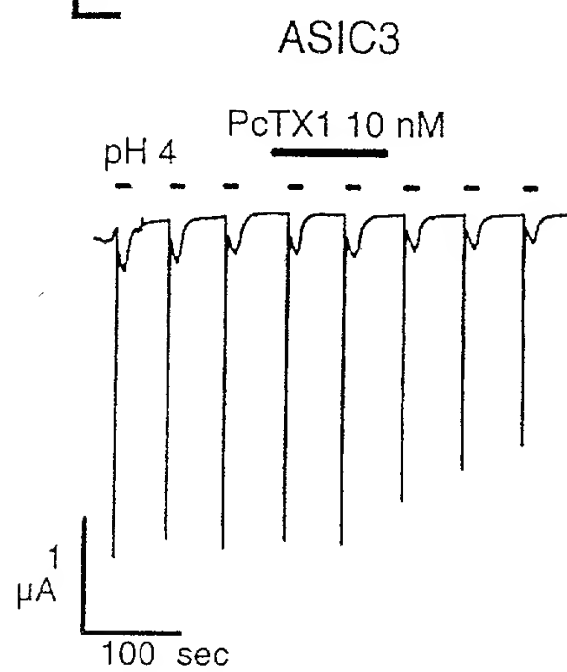
C



D



E



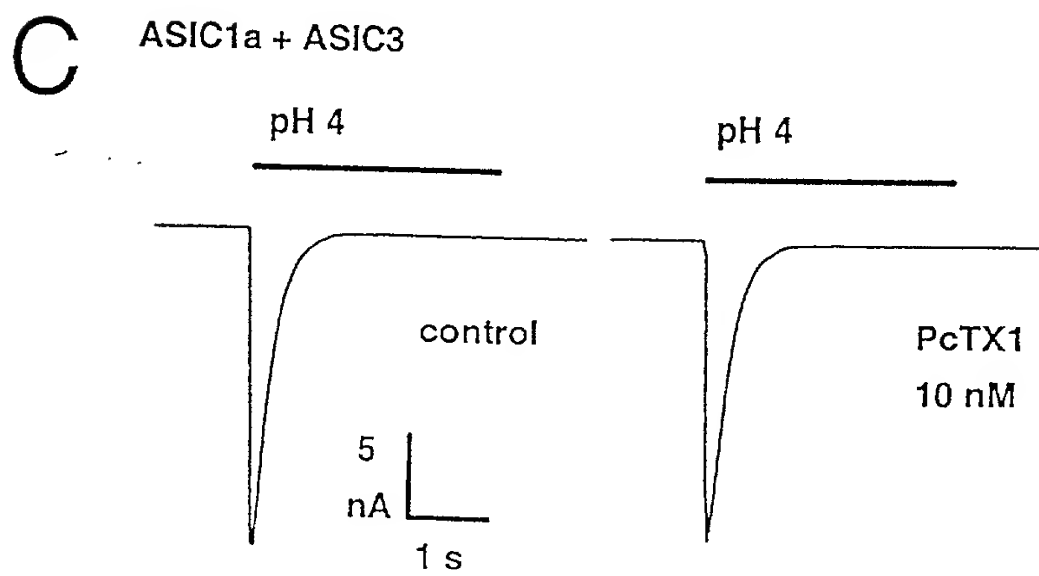
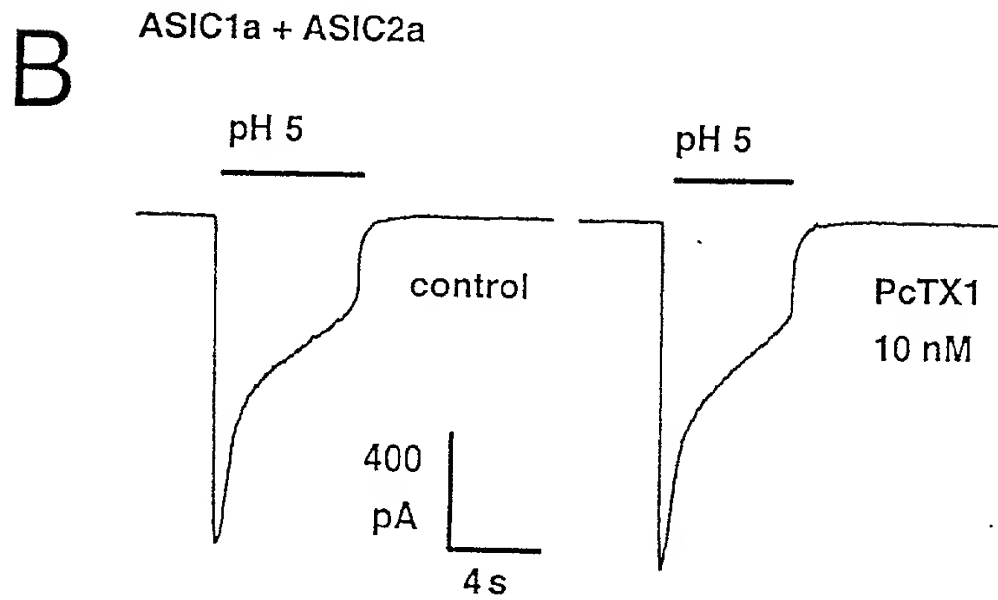
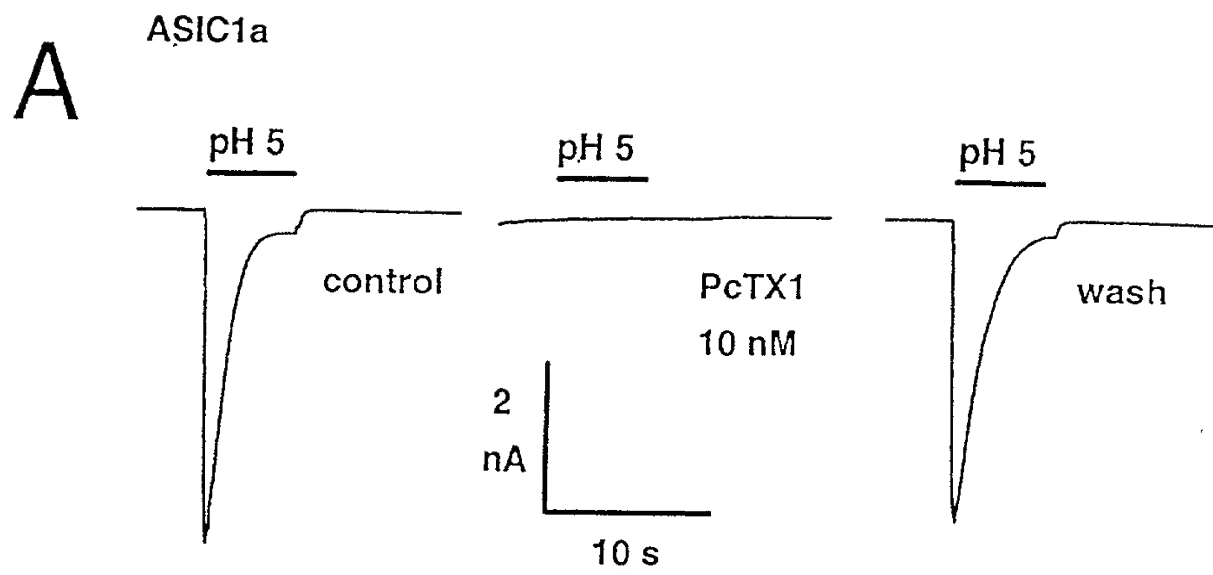
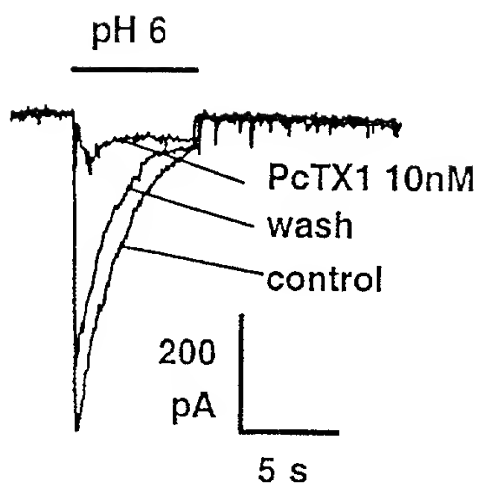


Fig. 8.

A



B

